

13 (Twice Amended) A flight deck display system for use in an aircraft comprising:

a display having a display screen for graphical display of data,

a graphics processor for receiving terrain data from at least a terrain data base and weather data from a weather sensor and for converting the received data into a single data stream to provide an input data stream to the display screen, the display screen having two display areas, a lateral two-dimensional display area and a three dimensional display area.

the display displaying the weather data only on the lateral two-dimensional area ~~one portion~~ of the display screen in a lateral display format and displaying the terrain data on ~~a second portion~~ at least the three dimensional area of the display screen as an out-the-window view,

~~the weather data being displayed solely in a lateral display format, thus contributing to the clarity and ease of interpretation of the display, and terrain data being displayed as an out-the-window view.~~